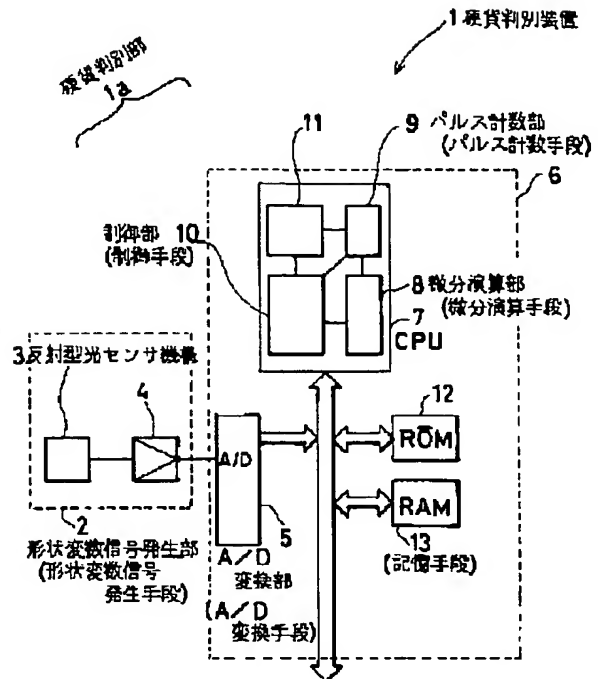


Patent Abstracts of Japan

TITLE : COIN DISCRIMINATION DEVICE



CONSTITUTION: A form variable signal generation part 2 converts the form pattern of a coin surface into an analog electric signal by a reflection type optical sensor mechanism 3, and it is emitted as a form variable signal. The signal is digitized by an A/D conversion part 5 and is pulse-encoded by a differential operation part 8. A pulse counting part 9 counts the number of positive and negative pulses from the pulse-encoded signal. The number of the pulses by individual coins, which corresponds to the pulse counting signal, is previously stored in RAM 13. A control part 10 discriminates the type of the coin by comparing the number of the pulses.

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